

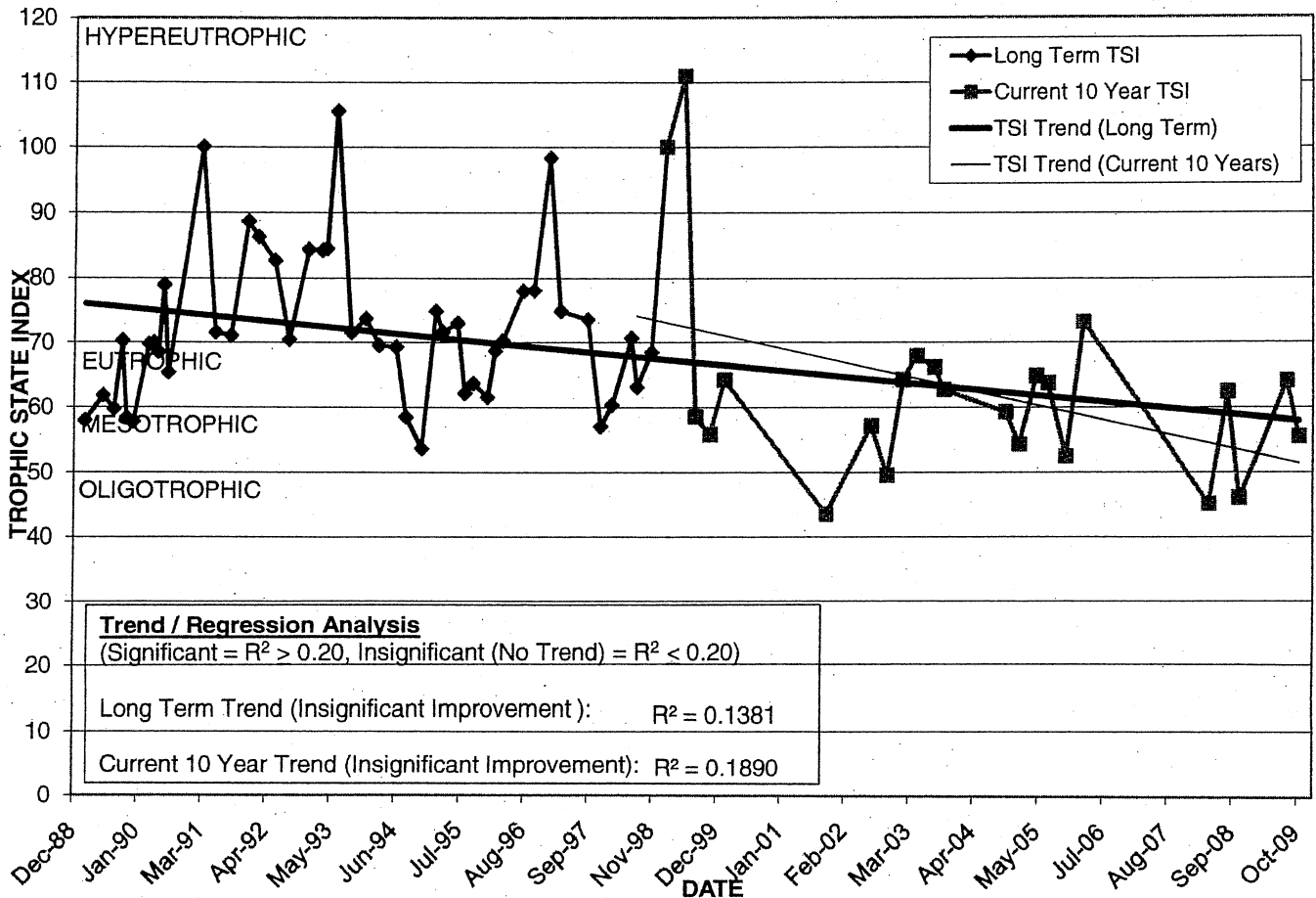
# LAKE EMERALD

Location: Lat N 36° 31' 47.6" Long W 81° 21' 47.5"  
 Section 36 Township 22S Range 29E  
 Lake Surface Area: 3 acres  
 Lake Volume: 701,017 ft<sup>3</sup>  
 Shoreline Length: 1,484 ft (452 m)  
 Mean Depth: 6.1 ft (1.9 m)  
 Maximum Depth:

Water Management District: St. Johns River  
 Drainage Code: SJ-LE-22  
 Drainage Basin Area: 28 acres  
 Land Use: 74% Res, 5% Vac  
 Drain Wells: No Aeration: No  
 Lake Origin: Natural  
 Grass Carp (*Ctenopharyngodon idella*): No

2009 Water Quality Data		TSI Ranking: 73 (out of 95 lakes)			
	Total Phosphorus (mg/l)	Total Nitrogen (mg/l)	Secchi Depth (m)	Chlorophyll-a (mg/m3)	Trophic State Index
Minimum	0.040	0.95	0.6	13.6	56
Maximum	0.052	1.13	1.0	22.9	64
Average	0.046	1.04	0.8	18.3	60

**Long-Term Trophic State Index Values and Linear Regression Trend Line**



**Location:** Just south of Gore St. and east of Mills Ave.